

FM Approvals
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781-762-9375 www.fmaprovals.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

NCS. Net Concentrator System.

NI/I/2/ABCD/T3C Ta = 85°C; T4 Ta = 60°C; T4A Ta = 40°C

EIM. Ethernet Interface Module.

MIM. MODBUS Interface Module.

AIM. Analog Input Module.

AOM. Analog Output Module.

TIM. Temperature Input Module.

DIM. Discrete Input Module.

ROM. Relay Output Module.

CPM. Concentrator Power Module.

EMM. Ethernet MODBUS Module.

Special Conditions of Use:

- 1. The Model NCS NET Concentrator System shall be installed in a final enclosure meeting the requirements of ANSI/ISA 61010-1 and the National Electrical code®.*
- 2. The Model NCS NET Concentrator System shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.*
- 3. No connections shall be made to the communications "COM" port, "Ethernet", and or "USB" port in Hazardous (Classified) Locations.*

Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C, and D; Temperature Class T3C Ta = 85°C; Temperature Class T4 Ta = 60°C; Temperature Class T4A Ta = 40°C; indoor Hazardous (Classified) Locations.

FM Approved for:

**Moore Industries-International Inc.
North Hills, CA 91343**

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3611	2004

Class 3810

2005

Original Project ID: 3029695

Approval Granted: February 6, 2008

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3042404	July 21, 2011		

FM Approvals LLC



J. E. Marquedant
Group Manager, Electrical

21 July 2011

Date

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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

NCS. Net Concentrator System.

IPA/2/ABCD/ T3C Ta = 85°C; T4 Ta = 60°C; T4A Ta = 40°C

EIM. Ethernet Interface Module.

MIM. MODBUS Interface Module.

AIM. Analog Input Module.

AOM. Analog Output Module.

TIM. Temperature Input Module.

DIM. Discrete Input Module.

ROM. Relay Output Module.

CPM. Concentrator Power Module.

EMM. Ethernet MODBUS Module.

Special Conditions of Use:

- 1. The Model NCS NET Concentrator System shall be installed in a final enclosure meeting the requirements of C22.2 No. 1010.1 and the Canadian Electrical code.*
- 2. The Model NCS NET Concentrator System shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.*
- 3. No connections shall be made to the communications "COM" port, "Ethernet", and or "USB" port in Hazardous Locations.*

Equipment Ratings:

Class I, Division 2, Groups A, B, C, and D; Temperature Class T3C Ta = 85°C; Temperature Class T4 Ta = 60°C; Temperature Class T4A Ta = 40°C; indoor Hazardous Locations.

FM Approved for:

**Moore Industries-International Inc.
North Hills, CA 91343**

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

CSA C22.2 No. 213	1987
CSA C22.2 No. 1010-1	2005

Original Project ID: 3029695C

Approval Granted: February 6, 2008

Subsequent Revision Reports / Date Approval Amended

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